

## **CANNULAE FOR SELECTIVELY ENHANCING BLOOD FLOW**

### **Abstract of the Disclosure**

A perfusion cannula system for directing blood through the vasculature of a patient comprises a cannula body having a proximal end, a distal end, and at least one lumen extending therebetween. The perfusion cannula system enhances blood flow past the cannula when the cannula body resides within the patient. A first balloon can be located on an exterior surface of the cannula body and the balloon can be deployed within the vasculature whereby space may be provided between a vessel wall and the cannula body. A cannula body can have an aperture formed therein in fluid communication with a lumen. A sleeve can be carried by the cannula and can be configured to be moveable relative to the aperture to selectively cover and uncover the aperture as desired.

AMD-5072.DOC // 121103